

Converting Colors

YUV(151.7440, 21.8182, 1.9785)

Have a look what the booklet for
YUV(151.7440, 21.8182, 1.9785)
contains.

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Color

**YUV(151.7440, 21.8182,
1.9785)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8EC4
RGB	154, 142, 196
RGB Percent	60%, 56%, 77%
CMY	0.3961, 0.4431, 0.2314
CMYK	0.21, 0.28, 0.00, 0.23
HSL	253°, 31%, 66%
HSV	253°, 28%, 77%
XYZ	32.9632, 30.2015, 56.3167
YIQ	151.7440, -10.1820, 19.3380

Conversions

Conversions Part 2

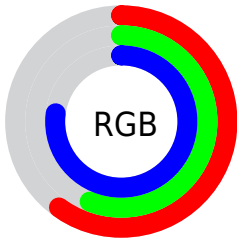
Format	Color
RYB	154, 142, 196
Decimal	10129092
CIELab	61.83, 15.83, -26.36
CIELCh	62, 30.743, 300.984
Yxy	30.2015, 0.2759, 0.2528
Android (android.graphics.Color)	4288319172 (0xFF9A8EC4)
YUV	151.7440, 21.8182, 1.9785
Hunter-Lab	54.9559, 10.8936, -22.2889

Details

The YUV color **151.7440, 21.8182, 1.9785** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **186.2560, -21.8182, -1.9785**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.3850, 22.9812, 2.2934**, and **100.6900, 20.3658, 1.1489** is the 20% darker color. If you saturate the color by 10%, you get **135.5190, 29.8171, 3.0528**, and if you desaturate by 10%, it is **167.9690, 13.8193, 0.9042**.

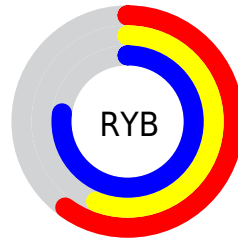
Distribution



Red (60%)

Green (56%)

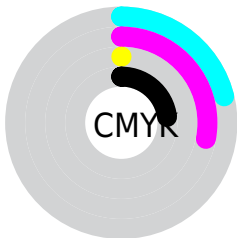
Blue (77%)



Red (60%)

Yellow (56%)

Blue (77%)

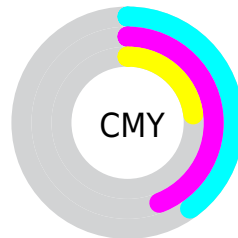


Cyan (21%)

Magenta (28%)

Yellow (0%)

Black (23%)



Cyan (40%)

Magenta (44%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.7440, 21.8182, 1.9785 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 151.7440, 21.8182, 1.9785 by changing the saturation by 10% instead.

■ 151.7440, 21.8182,
1.9785

■ 151.7440, 21.8182,
1.9785

■ 255.0000, 0.0000,
0.0000

■ 125.6300, 21.3814,
2.0785

■ 206.3850, 22.9812,
2.2934

■ 100.6900, 20.3658,
1.1489

■ 231.7200, 11.4770,
5.5076

■ 76.1630, 19.6396,
0.7340

■ 253.2390, 0.8682,
1.5444

■ 53.3370, 19.0609,
-0.2955

■ 31.0980, 18.1927,
-1.8399

■ 8.1200, 18.1818,
1.6488

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 151.7440, 21.8182,
1.9785

■ 151.7440, 21.8182,
1.9785

■ 135.5190, 29.8171,
3.0528

■ 167.9690, 13.8193,
0.9042

■ 119.8810, 37.5267,
3.6124

■ 183.6070, 6.1097,
0.3447

■ 103.3570, 45.6730,
4.0719

■ 200.1310, -2.0366,
-0.1149

■ 87.7190, 53.3825,
4.6314

■ 215.7690, -9.7461,
-0.6744

■ 71.4940, 61.3815,
5.7058

■ 231.9940,
-17.7450, -1.7487

■ 55.2690, 69.3804,
6.7801

■ 245.2840,
-24.2970, -0.2491

■ 39.3320, 77.2373,
6.7248

■ 248.2740,
-25.7711, 5.8987

■ 35.5000, 79.1265,
7.4545

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



146.1530, 28.0256, -29.0752



151.7440, 21.8182, 1.9785



153.4500, 11.1172, 27.6694

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



151.7440, 21.8182, 1.9785



149.8460, -23.0951, 34.3381



135.0810, 6.8621, -54.4450

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



151.7440, 21.8182, 1.9785



186.2560, -21.8182, -1.9785

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



140.6960, -9.2171, -30.4284



151.7440, 21.8182, 1.9785



147.6390, -25.9510, 16.9796

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



151.7440, 21.8182, 1.9785



151.3170, -13.9603, 44.4490



144.4620, -20.9338, -5.6672



131.2930, 22.0406, -69.5400

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



151.7440, 21.8182, 1.9785



152.7520, 3.0803, 38.8055



144.4620, -20.9338, -5.6672



137.3440, 1.3094, -46.7827

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



151.7440, 21.8182, 1.9785



238.4760, 8.1463, 0.4595



172.8100, 11.4327, -27.0204



117.3790, 5.2362, 0.5446



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



151.7440, 21.8182, 1.9785



186.2570, 33.8903, 3.2826



159.8170, 17.8382, 18.5775



88.7380, 4.0732, 0.2298



29.1180, 65.0178, 6.0355



5.8550, 13.3825, 1.0042

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



162.9340, 10.3855, 28.9989



203.5260, 16.0097, 45.1427



178.1830, -17.8382, -18.5775



90.9020, 2.0203, 5.3479



62.3890, 30.8672, 86.4818



12.8310, 6.4923, 17.6882

Previews

White Background



This preview shows how the YUV color 151.7440, 21.8182, 1.9785 looks on a white background.

Color Contrast Check

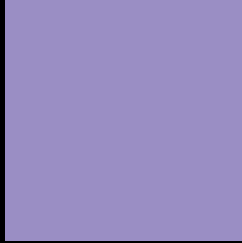
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 151.7440, 21.8182, 1.9785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

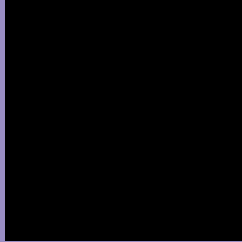
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 151.7440, 21.8182, 1.9785

Background



This preview shows how black text looks on a background with the YUV color 151.7440, 21.8182, 1.9785.



This preview shows how white text looks on a background with the YUV color 151.7440, 21.8182, 1.9785.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

151.7440, 21.8182, 1.9785

Protanopia

149.4540, 24.9192, -12.6762

Deuteranopia

150.0800, 22.1456, -9.7172



Tritanopia

149.9550, 4.9522, -1.7145

Trichromacy



Original Color

151.7440, 21.8182, 1.9785

Protanomaly

150.2590, 24.0293, -7.2431

Deuteranomaly

150.4010, 21.9873, -5.6137

Tritanomaly

150.2740, 11.2039, -0.2403

Monochromacy



Original Color

151.7440, 21.8182, 1.9785

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.7750, 7.9989, 1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.7440, 21.8182, 1.9785 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(154, 142, 196)` looks like.

```
.text, #text, p{  
    color:rgb(154, 142, 196)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(154, 142, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 142, 196) }
```

Border

The CSS property to change the border of an element to YUV 151.7440, 21.8182, 1.9785 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 142, 196) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(154, 142, 196) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(154, 142, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 142, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 142, 196);  
box-shadow:4px 4px 4px 4px rgb(154, 142,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 151.7440, 21.8182, 1.9785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 142, 196) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(154,  
142, 196) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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